

AMENDMENTS TO THE CLAIMS

The listing of claims below replaces all previous versions.

- 1-20. (Canceled)
21. (Currently amended) A linear single chain recombinant tri-specific antibody scTsAb comprising in tandem an anti-tumor anti-Carcinoma-Embryonic Antigen associated antigen single chain antibody fragment of a variable region (scFv) of the tri-specific antibody, a first interlinker an Fc linking peptide, an anti-CD3 single chain antibody fragment of the variable region (scFv), a human serum albumin linking peptide, ~~second interlinker~~ and an anti-CD28 single-domain antibody fragment.
22. (Currently amended) The linear single chain recombinant tri-specific antibody of claim 21 further comprising (i) a c-myc tag (SEQ ID NO: 56), (ii) a (His)6 tag (SEQ ID NO: 57), or (iii) a c-myc tag (SEQ ID NO: 56 and a (His)6 tag (SEQ ID NO: 57), in the carboxy terminal region of said the single chain tri-specific antibody.
23. (Currently amended) The linear single chain recombinant tri-specific antibody of claim 21, wherein said ~~first interlinker is a Fc linker~~ the Fc linking peptide comprising ~~an~~ the amino acid sequence set forth in SEQ ID NO: 53.
24. (Currently amended) The linear single chain recombinant tri-specific antibody of claim 21, wherein said ~~second interlinker is a HSA linker~~ human serum albumin linking peptide comprising ~~an~~ the amino acid sequence set forth in SEQ ID NO: 54.
25. (Canceled)

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26. (Canceled)
27. (Currently amended) The linear single chain recombinant tri-specific antibody of claim 21, wherein ~~said anti-tumor associated~~ the anti-Carcinoma-Embryonic Antigen single chain antigen antibody fragment comprises the amino acid sequence set forth in SEQ ID NO: 1.
28. (Canceled)
29. (Canceled)
30. (Canceled)
31. (Currently amended) The linear single chain recombinant tri-specific antibody of claim 21, wherein ~~said~~ the anti-CD28 single-domain antibody fragment comprises the amino acid sequence set forth in SEQ ID NO: 3.
32. (Currently amended) The linear single chain recombinant tri-specific antibody of claim 21 comprising the amino acid sequence of SEQ ID NO: 4.
33. (Currently amended) The linear single chain recombinant tri-specific antibody of claim 21, wherein ~~said~~ the antibody is purified.
- 34-40. (Withdrawn).